

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q82011

Takashi MIYAZAKI, et al.

Group Art Unit: 2834

Appln. No.: 10/500,624

Examiner: Burton S MULLINS

Confirmation No.: 3009

Patent No.: 7,342,338

Filed: July 2, 2004

Issue Date: March 11, 2008

For: PERMANENT MAGNET ELECTRIC MOTOR WITH REDUCED COGGING  
TORQUE

**REQUEST FOR CERTIFICATE OF CORRECTION**

**ATTN: Certificate of Correction Branch**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 C.F.R. § 1.323, please enter the attached Certificate of Correction.

Since the errors noted are believed to be the Applicant's responsibility, the USPTO is directed and authorized to charge the statutory fee of \$100.00 and all required fees to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this sheet is enclosed.

As set forth in the August 15, 2007 Amendment, an expression in claim 1 was amended to recite, " $\theta_t < \theta_r < (700 \times 10^{-3} / L_c + \theta_t)$ " where a minus sign was inserted before the number "3." The Remarks set forth in the Amendment discuss this change to claim 1. The subsequent

September 17, 2007 Amendment further argues where support for the amendment of claim 1 can be found. After review of the September 17, 2007 Amendment, the Examiner allowed the Application.

In addition to the amendment of claim 1, Applicant amended the specification in three places to insert the minus sign before the number “3.” Upon review of the issued patent, however, it has been determined that a lower case “r” was inserted, in addition to the minus sign, in two of the specification amendments. Upon reviewing the file history, it appears that the lower case “r” was inadvertently introduced in the August 15, 2007 Amendment. As evidenced by the comments set forth in both the August 15, 2007 and the September 17, 2008 Amendments, along with the specific amendment to claim 1, Applicant submits that the lower case “r” was not intended to be inserted in the specification. Accordingly, Applicant respectfully requests a Certificate of Correction to correct this error.

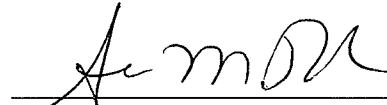
Additionally, Applicant respectfully requests correction of a few mistakes made by the USPTO in regard to the expression set forth above. The additional corrections are set forth in the attached Certification of Correction.

REQUEST FOR CERTIFICATE OF CORRECTION  
U.S. Application No.: 10/500,624

Attorney Docket No.: Q82011

In view of the foregoing, issuance of the Certificate of Correction is respectfully  
requested.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "A. M. Tulino", is written over a horizontal line.

Allison M. Tulino

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WASHINGTON DC SUGHRUE/265550

**65565**

CUSTOMER NUMBER

Date: June 17, 2008

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO: 7,342,338  
 DATED: March 11, 2008  
 INVENTOR(S): Takashi MIYAZAKI  
 Tomohiro KIKUCHI  
 Haruyuki KOMETANI  
 Shinichi YAMAGUCHI

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 2, lines 18-19, please amend the expression to move the "3" up to the exponent position in line with the minus sign, as follows (deletion shown in double bracketing):

$$\theta t < \theta r < (700 \times 10 [[r^3]]^{-3} / Lc + \theta t)$$

In column 6, line 26, expression (4), please amend as follows (deletion shown in double bracketing):

$$\theta r_{\max} = ([ [70033 \times 10^{r-3}] ] 700 \times 10^{-3} / Lc + \theta t)$$

In column 6, lines 30-31, please amend the expression as follows (deletion shown in double bracketing):

$$\theta t < \theta r < (700 \times 10 [[r^{-3}]]^{-3} / Lc + \theta t)$$

MAILING ADDRESS OF SENDER:  
**SUGHRUE MION, PLLC**

WASHINGTON DC SUGHRUE/265550

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CUSTOMER NUMBER

PATENT NO. 7,342,338

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